

**Air National Guard  
Information Repository Index  
143rd Combat Communications Squadron  
Seattle**



**18 December 2000**

*Tech117\_001*

**Information Repository Index  
143<sup>rd</sup> Combat Communications Squadron  
Seattle Air National Guard Station  
Seattle, Washington**

18 December 2000

This Information Repository Index provides a summary listing of the documents contained in the Air National Guard Information Repository for the subject site. The Information Repository includes the same documents that are contained in the Administrative Record File for the site, with the exception of correspondence. The attached Administrative Record Index lists the documents contained in the Administrative Record File.

## **Administrative Record Index for**

**Seattle**

**SAF#: 18-A-51-1-2**

The Administrative Record is the collection of records or documents that form the basis for the selection of a response action at Installation Restoration Program (IRP) or Superfund sites. Examples of records included in the Administrative Record File (ARF) include Preliminary Assessments, Site Investigation reports, validated sampling data, public comments, Remedial Investigation/Feasibility Study (RI/FS) reports and work plans, and Community Relations Plans. Records will be added to the ARF as site work progresses. The contents of the ARF for this installation are listed in this Administrative Record Index (ARI) according to the category assigned to each record. In general, the categories correspond to the IRP activities. Within categories, the records are organized reverse chronologically. The ARI is updated each time records are added to the ARF.

The ARF is available for public review during normal business hours. The ARF is treated as a non-circulating reference (i.e., the public can view and photocopy the records but cannot remove the records from the viewing area). This approach allows the public greater access to the records and minimizes the risk of loss or damage to the records. To facilitate a search for specific information and/or records, the index contains a brief description and abstract of each record. To obtain any record, please complete and submit a completed Administrative Record Request Form, using the information provided in the index, to the Environmental Manager. Administrative Record Request Forms may be obtained from the Environmental Manager.

Should any records contained in the ARF become damaged or lost during use, please notify the Environmental Manager immediately, so that replacement copies can be obtained.

The installation welcomes comments at any time on records contained in the ARF. Please provide written comments to the Environmental Manager. Official public comment periods for specific documents are advertised in local newspapers at certain stages during the IRP process. The public is urged to use these formal review periods to submit their comments.

For further information on this ARF, please contact the Environmental Manager.

# Administrative Record Request Form

Record Title: \_\_\_\_\_

DCN: \_\_\_\_\_

Record Type: \_\_\_\_\_ Report \_\_\_\_\_ Correspondence \_\_\_\_\_ Public Comment  
\_\_\_\_\_ Fact Sheet \_\_\_\_\_ Public Notice \_\_\_\_\_ Guidance  
\_\_\_\_\_ Technical Reference \_\_\_\_\_ Other

Date of Record: \_\_\_\_\_

Requester: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Date of Request \_\_\_\_\_

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## Notice

The undersigned acknowledges that records contained in the Administrative Record File are available as non-circulating (i.e., the public can view and photocopy the records but cannot remove the records from the viewing area) reference documents. They are available for public review during normal business hours. Records are provided for inspection and/or photocopying on the premises, and they must be returned to the Environmental Manager in their original condition.

Signature: \_\_\_\_\_

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**1.00 Public Participation**

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DCN: Seattle 1 25453  
Record Type: Report/Plan  
Version: Final  
Date: 01 September 1997  
Title: Community Relations Plan  
ARF: Yes  
IRP Activity: RI/FS  
Site No: 01  
Locations: ANG CF, ANG TF, DTIC  
Contractor/Author: Guild, Inc.  
Recipient: NA  
Service Center: NA  
Last Modified: NA  
Abstract: NA

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**2.00 Site Identification**

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DCN: Seattle 2 22776  
Record Type: Report/Plan  
Version: Final  
Date: 02 March 1995  
Title: PA/SI Report, Volume I  
ARF: Yes  
IRP Activity: PA/SI  
Site No: 01  
Locations: ANG CF, ANG PM  
Contractor/Author: Operational Technologies Corporation  
Recipient: NA  
Service Center: NA  
Last Modified: NA  
Abstract: NA

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DCN: Seattle 2 40371  
Record Type: Report/Plan  
Version: Final  
Date: 01 March 1995  
Title: PA/SI Report, Volume II  
ARF: Yes  
IRP Activity: PA/SI  
Site No: 01  
Locations: ANG CF, ANG PM, DTIC  
Contractor/Author: Operational Technologies Corporation  
Recipient: NA  
Service Center: NA  
Last Modified: NA  
Abstract: NA

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## Administrative Record Index for Seattle

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DCN: Seattle 2 02422  
Record Type: Correspondence  
Version: NA  
Date: 06 May 1994  
Title: Transmittal of Meeting Minutes for 22 March 1994  
ARF: Yes  
IRP Activity: PA/SI  
Site No: 01  
Locations: ANG CF  
Contractor/Author: Matthew L. Alexander, OpTech  
Recipient: Mary O'Herron, WDOE  
Service Center: NA  
Last Modified: NA  
Abstract: NA

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DCN: Seattle 2 37932  
Record Type: Report/Plan  
Version: Final  
Date: 01 April 1994  
Title: PA/SI Work Plan  
ARF: Yes  
IRP Activity: PA/SI  
Site No: 01  
Locations: ANG CF, ANG PM  
Contractor/Author: Operational Technologies Corporation  
Recipient: NA  
Service Center: NA  
Last Modified: NA  
Abstract: NA

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### ***3.00 Removal Response/Interim Remedial Action***

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No records exist.

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**4.00 Remedial Investigation/Feasibility Study**

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**DCN:** NA

**Record Type:** Report/Plan

**Version:** Final

**Date:** 15 September 2000

**Title:** Fourth Quarter 1999-2000 Groundwater Monitoring Report

**ARF:** Yes

**IRP Activity:** RI/FS

**Site No:** 01

**Locations:** ANG PM 2, BASE 6

**Contractor/Author:** Environmental Resources Management

**Recipient:** NA

**Service Center:** Environmental Resources Management

**Last Modified:** 14 December 2000

**Abstract:** Installation Restoration Program Final Fourth Quarter 1999-2000 Groundwater Monitoring Report, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This report presents water level and water quality data collected during the May 2000 groundwater sampling event. Groundwater samples were collected from 13 monitoring wells.

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**DCN:** NA

**Record Type:** Report/Plan

**Version:** Final

**Date:** 10 August 2000

**Title:** Basewide Groundwater Assessment Work Plan

**ARF:** Yes

**IRP Activity:** RI/FS

**Site No:** 01

**Locations:** ANG PM 1, BASE 5

**Contractor/Author:** Environmental Resources Management

**Recipient:** NA

**Service Center:** Environmental Resources Management

**Last Modified:** 13 December 2000

**Abstract:** Installation Restoration Program Final Basewide Groundwater Assessment Work Plan, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This work plan outlines the objectives, scope, and methods of the Basewide Groundwater Assessment activities. Planned activities included installing and sampling three 40-foot groundwater monitoring wells; installing 24 cone penetrometer test (CPT) borings; collecting discrete-depth groundwater samples at 24 locations; installing and sampling suction lysimeters at 12 locations; performing continuous water-level monitoring for 1 year in 8 monitoring wells; and completing a comprehensive topographic survey of the Station. Results of the previous IRP investigations are summarized, and the purpose of the Basewide Groundwater Assessment is presented.

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## Administrative Record Index for Seattle

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**DCN:** NA

**Record Type:** Report/Plan

**Version:** Final

**Date:** 20 July 2000

**Title:** Third Quarter 1999-2000 Groundwater Monitoring Report

**ARF:** Yes

**IRP Activity:** RI/FS

**Site No:** 01

**Locations:** ANG PM 2, BASE 6

**Contractor/Author:** Environmental Resources Management

**Recipient:** NA

**Service Center:** Environmental Resources Management

**Last Modified:** 14 December 2000

**Abstract:** Installation Restoration Program Final Third Quarter 1999-2000 Groundwater Monitoring Report, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This report presents water level and water quality data collected during the February 2000 groundwater sampling event. Groundwater samples were collected from 13 monitoring wells.

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**DCN:** NA

**Record Type:** Report/Plan

**Version:** Final

**Date:** 31 March 2000

**Title:** Second Quarter 1999-2000 Groundwater Monitoring Report

**ARF:** Yes

**IRP Activity:** RI/FS

**Site No:** 01

**Locations:** ANG PM 2, BASE 6

**Contractor/Author:** Environmental Resources Management

**Recipient:** NA

**Service Center:** Environmental Resources Management

**Last Modified:** 14 December 2000

**Abstract:** Installation Restoration Program Final Second Quarter 1999-2000 Groundwater Monitoring Report, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This report presents water level and water quality data collected during the November 1999 groundwater sampling event. Groundwater samples were collected from 13 monitoring wells.

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## Administrative Record Index for Seattle

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**DCN:** NA

**Record Type:** Report/Plan

**Version:** Final

**Date:** 14 January 2000

**Title:** First Quarter 1999-2000 Groundwater Monitoring Report

**ARF:** Yes

**IRP Activity:** RI/FS

**Site No:** 01

**Locations:** ANG PM 2, BASE 6

**Contractor/Author:** Environmental Resources Management

**Recipient:** NA

**Service Center:** Environmental Resources Management

**Last Modified:** 14 December 2000

**Abstract:** Installation Restoration Program Final First Quarter 1999-2000 Groundwater Monitoring Report, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This report presents water level and water quality data collected during the August 1999 groundwater sampling event. Groundwater samples were collected from 13 monitoring wells.

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**DCN:** NA

**Record Type:** Report/Plan

**Version:** Final

**Date:** 17 September 1999

**Title:** 1999-2000 Groundwater Monitoring Work Plan

**ARF:** Yes

**IRP Activity:** RI/FS

**Site No:** 01

**Locations:** ANG PM 2, BASE 6

**Contractor/Author:** Environmental Resources Management

**Recipient:** NA

**Service Center:** Environmental Resources Management

**Last Modified:** 13 December 2000

**Abstract:** Installation Restoration Program Final 1999-2000 Groundwater Monitoring Work Plan, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This work plan outlines the objectives, scope, and methods of the 1999-2000 groundwater monitoring program. Planned activities included quarterly water level monitoring and sampling of 13 monitoring wells for volatile organic compounds.

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DCN: NA

Record Type: Report/Plan

Version: Final

Date: 24 August 1999

Title: Phase II Feasibility Study Report

ARF: Yes

IRP Activity: RI/FS

Site No: 01

Locations: ANG PM 7, BASE 6

Contractor/Author: Environmental Resources Management

Recipient: NA

Service Center: Environmental Resources Management

Last Modified: 13 December 2000

**Abstract:** Installation Restoration Program Final Phase II Feasibility Study Report, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This Phase II FS Report compliments the earlier Phase I FS and builds upon data collected during the Phase II RI. The Phase II FS was originally intended to provide further definition and detailed analysis of the remedial alternatives developed during the Phase I FS. However, since no on-site contaminant sources were identified during the Phase II RI, the remedial alternatives were not further evaluated.

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DCN: NA

Record Type: Report/Plan

Version: Final

Date: 24 August 1999

Title: Phase II Remedial Investigation Report

ARF: Yes

IRP Activity: RI/FS

Site No: 01

Locations: ANG PM 7, BASE 6

Contractor/Author: Environmental Resources Management

Recipient: NA

Service Center: Environmental Resources Management

Last Modified: 14 December 2000

**Abstract:** Installation Restoration Program Final Phase II Remedial Investigation Report, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This report presents the results of the Phase II RI conducted in 1998 and 1999. The Phase II RI included 40 soil vapor sampling points, subsurface soil and groundwater sampling from 20 direct-push borings, installation of five groundwater monitoring wells, and quarterly sampling of 13 monitoring wells. The report concludes that although volatile organic compounds were detected in shallow groundwater, there is no evidence of an on-site source area. The locations of the analytical data repositories are listed in an appendix.

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## Administrative Record Index forATTLE

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**DCN:** NA

**Record Type:** Correspondence

**Version:** NA

**Date:** 29 July 1999

**Title:** Regulatory Review of Phase II RI and FS Reports

**ARF:** Yes

**IRP Activity:** RI/FS

**Site No:** 01

**Locations:** ANG PM 1, BASE 1

**Contractor/Author:** Charles Hinds, WDOE

**Recipient:** Alan Klavans, ANG/CEVR

**Service Center:** NA

**Last Modified:** 14 December 2000

**Abstract:** Regulatory Review of Phase II Remedial Investigation and Feasibility Study Reports completed by the Washington State Department of Ecology. The letter states that in Ecology's opinion, additional groundwater investigation/monitoring is warranted at the Station.

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**DCN:** NA

**Record Type:** Correspondence

**Version:** NA

**Date:** 01 July 1999

**Title:** Meeting Minutes for Regulatory Review Meeting

**ARF:** Yes

**IRP Activity:** RI/FS

**Site No:** 01

**Locations:** ANG PM 1, BASE 1

**Contractor/Author:** Environmental Resources Management

**Recipient:** Participants

**Service Center:** Environmental Resources Management

**Last Modified:** 14 December 2000

**Abstract:** Meeting Minutes for a 08 June 1999 regulatory review meeting held to discuss the Draft Final Phase II RI and FS Reports. The meeting was attended by a representative from the Washington State Department of Ecology.

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**DCN:** NA

**Record Type:** Report/Plan

**Version:** Final

**Date:** 22 July 1998

**Title:** Phase I Feasibility Study Report

**ARF:** Yes

**IRP Activity:** RI/FS

**Site No:** 01

**Locations:** ANG PM 6, BASE 6

**Contractor/Author:** Environmental Resources Management

**Recipient:** NA

**Service Center:** Environmental Resources Management

**Last Modified:** 14 December 2000

**Abstract:** Installation Restoration Program Final Phase I Feasibility Study Report, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This report presents and evaluates remedial action alternatives for groundwater at IRP Site 1. Five alternatives were evaluated including: No Action, Limited Action/Institutional Controls, Groundwater Extraction/Disposal, Groundwater Extraction/Ex-Situ Treatment/Disposal, and In-Situ Groundwater Treatment. The report concludes that further investigation is necessary to evaluate possible sources of the volatile organic compounds detected in groundwater before completing a detailed analysis of the remedial alternatives.

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**DCN:** NA

**Record Type:** Report/Plan

**Version:** Final

**Date:** 21 July 1998

**Title:** Phase II RI/FS Work Plan

**ARF:** Yes

**IRP Activity:** RI/FS

**Site No:** 01

**Locations:** ANG PM 6, BASE 7

**Contractor/Author:** Environmental Resources Management

**Recipient:** NA

**Service Center:** Environmental Resources Management

**Last Modified:** 14 December 2000

**Abstract:** Installation Restoration Program Final Phase II RI/FS Work Plan, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This work plan outlines the objectives, scope, and methods of the Phase II RI/FS activities. Planned RI activities included soil vapor sampling at 40 locations, subsurface soil and groundwater sampling at 20 locations, installation of five groundwater monitoring wells, and quarterly sampling of 13 monitoring wells. Results of the previous IRP investigations are summarized, and the purpose of the Phase II RI is presented.

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DCN: NA

Record Type: Correspondence

Version: NA

Date: 16 July 1998

Title: Meeting Minutes for Regulatory Review Meeting

ARF: Yes

IRP Activity: RI/FS

Site No: 01

Locations: ANG PM 1, BASE 1

Contractor/Author: Environmental Resources Management

Recipient: Participants

Service Center: Environmental Resources Management

Last Modified: 14 December 2000

**Abstract:** This correspondence includes meeting minutes for a 23 June 1998 meeting held to discuss the Draft Final Phase I RI Report and the Draft Final Phase II RI/FS Work Plan. The meeting was attended by a representative from the Washington State Department of Ecology.

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DCN: NA

Record Type: Report/Plan

Version: Final

Date: 28 May 1998

Title: Phase I Remedial Investigation Report

ARF: Yes

IRP Activity: RI/FS

Site No: 01

Locations: ANG PM 6, BASE 6

Contractor/Author: Environmental Resources Management

Recipient: NA

Service Center: Environmental Resources Management

Last Modified: 14 December 2000

**Abstract:** Installation Report Program Final Phase I Remedial Investigation Report, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This report describes the results of the Phase I RI conducted at IRP Site 1 to determine the nature and extent of contamination at the site. The investigation included the collection and analysis of surface and subsurface soil samples, direct-push groundwater sampling at 22 locations, and the installation and sampling of five groundwater monitoring wells to supplement the wells installed during the PA/SI. Aquifer (slug) tests were also performed to estimate hydraulic conductivity. Groundwater samples were collected from the eight monitoring wells at the installation over four quarters for a period of 1 year. The report recommended further investigation to determine the extent and source of volatile organic compounds detected in groundwater. The locations of the analytical data repositories are listed in an appendix.

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DCN: NA

Record Type: Report/Plan

Version: Final

Date: 28 May 1998

Title: Phase I Remedial Investigation Report, Appendix I

ARF: Yes

IRP Activity: RI/FS

Site No: 01

Locations: ANG PM 6, BASE 6

Contractor/Author: Environmental Resources Management

Recipient: NA

Service Center: Environmental Resources Management

Last Modified: 14 December 2000

**Abstract:** Installation Restoration Program Final Phase I Remedial Investigation Report, Appendix I, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This appendix to the Phase I RI Report contains the laboratory analytical data for the soil and groundwater samples collected during the Phase I RI.

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DCN: NA

Record Type: Report/Plan

Version: Final

Date: 28 May 1998

Title: Phase I Remedial Investigation Report, Appendix J

ARF: Yes

IRP Activity: RI/FS

Site No: 01

Locations: ANG PM 6, BASE 6

Contractor/Author: Environmental Resources Management

Recipient: NA

Service Center: Environmental Resources Management

Last Modified: 14 December 2000

**Abstract:** Installation Restoration Program Final Phase I Remedial Investigation Report, Appendix J, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This appendix to the Phase I RI Report includes the Analytical Data Review and Validation Reports for soil and groundwater samples collected during the Phase I RI.

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DCN: NA

Record Type: Report/Plan

Version: Final

Date: 26 July 1996

Title: Phase I RI/FS Work Plan

ARF: Yes

IRP Activity: RI/FS

Site No: 01

Locations: ANG PM 3 BASE 6

Contractor/Author: Environmental Resources Management

Recipient: NA

Service Center: Environmental Resources Management

Last Modified: 14 December 2000

**Abstract:** Installation Restoration Program Final Remedial Investigation/Feasibility Study Work Plan, 143<sup>rd</sup> Combat Communications Squadron, Seattle Air National Guard Station, Washington Air National Guard, Seattle, Washington.

This plan outlines RI/FS activities to be conducted at IRP Site 1. Planned RI activities included surface and subsurface soil sampling, direct-push groundwater sampling, installation of five groundwater monitoring wells, aquifer (slug) testing, and quarterly groundwater monitoring for 1 year. This plan also contains Health and Safety Plan and a Quality Assurance Project Plan.

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#### ***5.00 DD for Further Action***

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No records exist.

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#### ***6.00 Remedial Design***

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No records exist.

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#### ***7.00 Monitoring***

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No records exist.

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#### ***8.00 No Further Response Action Planned DD***

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No records exist.

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**9.00 Stakeholder Coordination**

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DCN: Seattle 9 49042

Record Type: Correspondence

Version: NA

Date: 15 July 1997

Title: Correction of Site Identification Number

ARF: Yes

IRP Activity: NA

Site No: 01

Locations: ANG CF

Contractor/Author: Monica H. Lindeman, USEPA Region X

Recipient: Steve Purvine, 241<sup>st</sup> CES

Service Center: NA

Last Modified: NA

Abstract: NA

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**10.00 Enforcement**

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No records exist.

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**11.00 Health Assessment**

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No records exist.

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**12.00 Natural Resource Trustees**

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No records exist.

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**13.00 Technical Resource/Guidance Document**

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No records exist.

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**14.00 Confidential File**

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No records exist.